CLAIMS

1. Aliquid crystal display comprising a ferroelectric liquid crystal sandwiched between two substrates,

characterized in that an electrode and a photo alignment layer are each successively formed on opposite faces of the two substrates facing each other; and

a constituent material of the respective photo alignment layer has a different composition with the ferroelectric liquid crystal sandwiched therebetween.

- 2. The liquid crystal display according to claim 1, characterized in that the constituent material of the respective photo alignment layer is a photo-isomerizable material comprising a photo-isomerization-reactive compound which generates a photo-isomerization reaction to give anisotropy to the respective photo alignment layer.
- 3. The liquid crystal display according to claim 2, characterized in that the photo-isomerization-reactive compound is a compound which has dichroism that different absorptivities are exhibited depending on a polarization direction thereof and further generates the photo-isomerization reaction by a light irradiation.
- 4. The liquid crystal display according to claim 2 or 3, characterized in that the photo-isomerization reaction is a cis-trans isomerization reaction.

- 5. The liquid crystal display according to any one of claims 2 to 4, characterized in that the photo-isomerization-reactive compound is a compound having, in a molecule thereof, an azobenzene skeleton.
- 6. The liquid crystal display according to any one of claims 2 to 5, characterized in that the photo-isomerization-reactive compound is a polymerizable monomer having, as its side chain, the azobenzene skeleton.
- 7. The liquid crystal display according to any one of claims 1 to 6, characterized in that the ferroelectric liquid crystal exhibits mono-stability.
- 8. The liquid crystal display according to any one of claims 1 to 7, characterized in that the ferroelectric liquid crystal is a liquid crystal having, in a phase series thereof, no smectic A phase.
- 9. The liquid crystal display according to any one of claims 1 to 8, characterized in that the ferroelectric liquid crystal is a liquid crystal which constitutes a single phase.
- 10. The liquid crystal display according to any one of claims 1 to 9, characterized in being driven by an active matrix system using a thin film transistor.

11. The liquid crystal display according to any one of claims 1 to 10, characterized in being displayed by a field sequential color system.